

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/938,548DATE: 05/20/98  
TIME: 07:32:52

INPUT SET: S25894.raw

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

## SEQUENCE LISTING

1  
2  
3 (1) General Information  
4  
5 (i) APPLICANT: Yanagisawa, Masashi  
6 Bergsma, Derk  
7 Wilson, Shelagh  
8 Brooks, David  
9 Gellai, Miklos  
10  
11 (ii) TITLE OF THE INVENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE  
12 RECEPTOR HFGAN72  
13  
14 (iii) NUMBER OF SEQUENCES: 21  
15  
16 (iv) CORRESPONDENCE ADDRESS:  
17 (A) ADDRESSEE: SmithKline Beecham Corporation  
18 (B) STREET: 709 Swedeland Road  
19 (C) CITY: King of Prussia  
20 (D) STATE: PA  
21 (E) COUNTRY: USA ← *mandatory response*  
22 (F) ZIP: 19406  
23  
24 (v) COMPUTER READABLE FORM:  
25 (A) MEDIUM TYPE: Diskette  
26 (B) COMPUTER: IBM Compatible  
27 (C) OPERATING SYSTEM: DOS  
28 (D) SOFTWARE: FastSEQ for Windows Version 2.0  
29  
30 (vi) CURRENT APPLICATION DATA:  
31 (A) APPLICATION NUMBER:  
32 (B) FILING DATE: 26-SEPT-1997  
33 (C) CLASSIFICATION:  
34  
35 (vii) PRIOR APPLICATION DATA:  
36 (A) APPLICATION NUMBER: 08/887,382  
37 (B) FILING DATE: 2-JUL-1997  
38  
39 (vii) PRIOR APPLICATION DATA:  
40 (A) APPLICATION NUMBER: 08/820,519  
41 (B) FILING DATE: 19-MAR-1997  
42  
43 (A) APPLICATION NUMBER: 60/033,604  
44 (B) FILING DATE: 17-DEC-1997  
45

Does Not Comply  
Corrected Diskette Needed

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PATENT APPLICATION US/08/938,548DATE: 05/20/98  
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INPUT SET: S25894.raw

46 (viii) ATTORNEY/AGENT INFORMATION:  
47 (A) NAME: King, William T.  
48 (B) REGISTRATION NUMBER: 30,954  
49 (C) REFERENCE/DOCKET NUMBER: ATG50037-2  
50  
51 (ix) TELECOMMUNICATION INFORMATION:  
52 (A) TELEPHONE: 610-270-5219  
53 (B) TELEFAX: 610-270-4026  
54 (C) TELEX:  
55

## ERRORED SEQUENCES FOLLOW:

133 (2) INFORMATION FOR SEQ ID NO:3:  
134  
135 (i) SEQUENCE CHARACTERISTICS:  
--> 136 (A) LENGTH: 31 amino acids 33 shown  
137 (B) TYPE: amino acid  
138 (C) STRANDEDNESS: single  
139 (D) TOPOLOGY: linear  
140  
141 (ii) MOLECULE TYPE: protein  
142  
143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
144  
145 Gln Pro Leu Pro Asp Cys Cys Arg Gln Lys Thr Cys Ser Cys Arg Leu  
146 1 5 10 15  
147 Tyr Glu Leu Leu His Gly Ala Gly Asn His Ala Ala Gly Ile Leu Thr  
148 20 25 30  
149 Leu  
150

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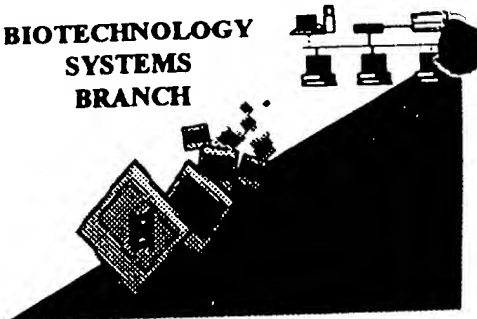
PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/938,548**

DATE: 05/20/98  
TIME: 07:32:54

**INPUT SET: S25894.raw**

Line	Error	Original Text
21	Mandatory Value Not Present	(E) COUNTRY:
136	Entered (31) and Calc. Seq. Length (33) differ	(A) LENGTH: 31 amino acids



## Notice of Availability of Checker Program

Applicant Aid for Biotechnology Computer Readable Form (CRF)  
Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CFR 1.821 through 1.825). Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

Checker is a DOS-based software program that is intended to assist users in determining whether errors may be present in the sequence listings, and is not intended to guarantee that the submission is error-free.

The most current version of the software is available via computer downloading, details are below. Copies on diskette are also available. Updated software versions will not be automatically mailed out; any updates will be announced in the PTO *Official Gazette*.

The software can be accessed/requested from the following locations:

- 1) Dial-up access through the Internet. Location is <ftp://ftp.uspto.gov>  
The software is in current directory: pub/checker/  
Download all the files. Cost: Free-of-charge

- 3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441  
WASHINGTON DC 20231

COST FOR DISKETTE IS \$ 25.00

METHOD OF PAYMENT:

Check payable to Commissioner of Patents and Trademarks  
VISA/ Mastercard/ Charge- Charges can be faxed to 703-306-2737  
PTO Deposit Account

For Further Information, Contact: *Arti Shah at 703-308-4212*

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821-1.825. Applicant's attention is directed to these regulations, published at 114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

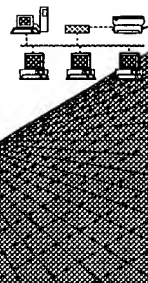
**Applicant must provide:**

- ☒ An ~~initial~~ or substitute computer readable form (CRF) copy of the "Sequence Listing"
- ☒ An ~~initial~~ or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact

For Rules Interpretation, call (703) 308-1123  
For CRF submission help, call (703) 308-4212  
For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.



# **RAW SEQUENCE LISTING**

## **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/938,548  
Art Unit / Team No. : 1645  
Date Processed by STIC: 5/20/98

**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

**ARTI SHAH 703-308-4212**